

TABLE 7.3  
SUMMARY OF HAYS COUNTY ROAD STANDARDS\*

<b>Average Daily Traffic (one-way trips)**</b>	<b>Not more than 100</b>	<b>101-1000</b>	<b>1001-2500</b>	<b>2501-5000</b>	<b>5001-15000</b>	<b>More than 15000</b>
Functional Classification	Country Lane	Local Street	Minor Collector	Major Collector	Minor Arterial	Major Arterial
Design Speed	25 mph	25 mph	35 mph	45 mph	55mph	
Number of Lanes	2	2	2	2	4	<b>All elements</b>
ROW Width	50'	60'	60'	70'	100'	<b>including</b>
Width of Traveled way	18'	20'	22'	24'	48'	<b>geometric</b>
Width of Shoulders	2'	4'	5'	6'	8'	<b>layout and</b>
Minimum Centerline Radius	200'	300'	375'	675'	975'	<b>cross-section</b>
Minimum Tangent Length between Reverse Curves or Compound Curves	50'	100'	150'	300'	500'	<b>shall be approved</b>
Minimum Radius for Edge of Pavement at Intersections	25'	25'	25'	25'	25'	<b>by the</b>
Intersection Street Angle	80-100	80-100	80-100	80-100	80-100	<b>Road Director</b>
Maximum Grade:	11%	11%	10%	9%	8%	<b>on a case-by-case</b>
Minimum Street Centerline Offset at Adjacent Intersections	125'	125'	125'	125'	125'	<b>basis.</b>
Minimum Stopping Sight Distance	175'	175'	250'	350'	550'	
Minimum Intersection Sight Distance	250'	250'	350'	450'	550'	
Ditch Foreslope Grade	4:01	4:01	5:01	5:01	6:01	
Ditch Backslope Grade	3:01	3:01	4:01	4:01	4:01	
Minimum Cul-de-sac ROW Radius	60'	65'	65'	65'	65'	
Minimum Cul-de-sac Pavement Radius	35'	45'	45'	45'		
<b>Notes:</b>						
1) Any deviation from these standards must be the subject of an approved variance.						
2) Lots that are restricted by plat note to one single-family residence shall be presumed to generate 10 one-way trips per day. Average daily traffic for all other lots shall be determined on a case-by-case basis by the Road Director.						
3) Occasional short runs between intersections may exceed the amounts shown, but maximum grades through intersections may not exceed the amounts shown.						
4) The entire side ditch shall be totally contained within the road right-of-way or a dedicated drainage easement. Guardrails will be required.						
5) No cul-de-sac shall have a cross slope that exceeds 6 percent.						
6) Revegetation of disturbed areas within new road rights of way is required where the ditch depth exceeds 8' - 0" from the edge of shoulder to bottom of ditch on Country Lanes and Local Streets, 6'-0" from edge of shoulder to bottom of ditch on Minor Collectors, and 4'-0" from edge of shoulder to bottom of ditch on Major Collectors and Minor Arterials.						
Individual driveway entrances, if not shown on the approved constructions plans, must be approved by the Road Director. Maximum spacing between commercial driveways or curb cuts is 150 ft.						
Safety-end treatments required on all driveways. (Minimum 6:1 slope)						
7) All design standards may be modified on a case-by-case basis as each project merits depending upon topography and other pertinent features. This is to include possible wider ROWs when designed backslopes will not fit within standard ROW.						
8) Utility construction & design, if intended to be underground, will need to be coordinated with the County Road Dept. If placement of utilities is to be in County ROW, an additional 10' of ROW will be required.						
9) No road and drainage construction may begin until a set of construction and drainage plans have been approved by the County Road Department.						
10) Seventy-Two (72) hours before construction is to begin a preconstruction meeting is required to be held. Contact the County Road Department for scheduling information.						